```
<!--StartFragment-->RESULT 2
US-10-363-798A-2
; Sequence 2, Application US/10363798A
; Patent No. 7396644
; GENERAL INFORMATION
; APPLICANT: Shanghai Research Center of Biotechnology, Chinese Academy of Sciences
; APPLICANT: KONG, Xiangyin et al.
 TITLE OF INVENTION: METHOD OF DIAGNOSING AND TREATING DENTINOGENESIS IMPERFECTA TYP
; FILE REFERENCE: 004121 PC
; CURRENT APPLICATION NUMBER: US/10/363,798A
 CURRENT FILING DATE: 2003-03-05
 PRIOR APPLICATION NUMBER: CN 00125042.6
 PRIOR FILING DATE: 2000-09-05
; NUMBER OF SEQ ID NOS: 48
 SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 1253
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-363-798A-2
 Query Match
               68.2%; Score 1900.5; DB 3; Length 1253;
 Best Local Similarity 51.3%; Pred. No. 6e-139;
 Matches 455; Conservative 43; Mismatches 66; Indels 323; Gaps 12;
       1 GIETEGPNKGNKSIITKESGKLSGSKDSNGHQGVELDKRNSPKQGESDKPQGTAEKSAAH 60
Qv
        375 GIEIKGPSSGNRN-ITKEVGKGNEGKEDKGQHGMILGKGNVKTQGEVVNIEGPGQKSEPG 433
      61 SNLGHSRIGSSSNSDGHDSYEFDDESMQGDDPKSSDESNGSDESDTNSESANESGSRGDA 120
Qv
        Db
      434 NKVGHSNTGSDSNSDGYDSYDFDDKSMQGDDPNSSDESNGND--DANSESDNNSSSRGDA 491
      121 SYTSDESSDDDNDSDSHAGEDDSSDDSSGDGDSDSNGDG----- 159
Qу
        Db
      492 SYNSDESKDNGNGSDSKGAEDDDSDSTSDTNNSDSNGNGNNGNDDNDKSDSGKGKSDSSD 551
Qv
      160 -----DSESEDKDESDSSDHDNSSDSESKSDSS 187
                            Db
      Qу
                             :||||:||:|||
Db
      612 DSSDSSDSSDSKSDSSKSESDSSDSDSKSDSSDSSDSSDNSDSSDSSNSSNSSDSSDS 671
      218 SDSSDSNSSSDS----- 229
Qу
        11111:1111
      Db
      230 SDSSGSSDSSDSSDTCDSSDSSDSSDSSDSSDSSDSSDSSDSSD----- 276
QУ
        Db
      Qу
                           Db
      306 D----- 306
Qy
      Db
```

Qу	307	SSDS	310
Db	912	SNSSDSSDSSNSSDSSESSNSSDNSNSSDSSNSSDSSNSSDSSNSSDSSNSSDS	971
Qу	311	SDSSSSDSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	352
Db	972		1031
Qу	353	GSSDSSDSSASSDSSSSSSSSSSSSSSSSSSSSSSSSSS	409
Db	1032	DSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSS	1091
Qy	410	DSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSS	469
Db	1092		1151
Qу	470	DSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSS	528
Db	1152	DSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSS	1211
QУ	529	DSSSDSSDGDSKSGNGNSDSNSDSNSDSDSDSEGSDSNHSTSDD 572	
Db	1212		

<!--EndFragment-->